

From glowbugs@theporch.com Wed Jul 31 17:59:42 1996  
Return-Path: glowbugs@theporch.com  
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(8.7.5/AUX-3.1.1) with SMTP id RAA19729; Wed, 31 Jul 1996 17:55:53 -0500 (CDT)  
Date: Wed, 31 Jul 1996 17:55:53 -0500 (CDT)  
Message-Id: <199607312255.RAA19729@uro.theporch.com>  
Errors-To: ws4s@midtenn.net  
Reply-To: glowbugs@theporch.com  
Originator: glowbugs@theporch.com  
Sender: glowbugs@theporch.com  
Precedence: bulk  
From: glowbugs@theporch.com  
To: Multiple recipients of list <glowbugs@theporch.com>  
Subject: GLOWBUGS digest 249  
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@theporch.com  
Status: 0

#### GLOWBUGS Digest 249

Topics covered in this issue include:

- 1) Soldering to Aluminum Chassis  
by Chris Broadbent <cfb@bga.com>

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Date: Wed, 31 Jul 1996 17:53:13 -0500 (CDT)  
From: Chris Broadbent <cfb@bga.com>  
To: glowbugs@theporch.com  
Subject: Soldering to Aluminum Chassis  
Message-ID: <199607312253.RAA10097@zoom.bga.com>

I'm the one who's been bugging everyone about this and that wrt building a 50W CW TX. Well, I've yet another question (just like an annoying child).

The TX is based on a tube (6LR8). I plan on mounting everything on an aluminum chassis with point to point wiring underneath, using tag strips and the tube and relay sockets as anchor points.

I would like to use the chassis as the common or ground. Rather than using nuts, bolts and spikey spring washers, I would prefer to solder to common returns to the chassis. I believe I'll get a better, longer term connection if this is possible (am I wrong?).

I have a 40W temp. controlled iron (Ungar) and a dirty great 140W Weller soldering gun. Is it reasonable/possible to solder the copper wire directly to the aluminum chassis with one of these irons and get a good connection?

If this is not practical, has anyone any suggestions? I can get a steel chassis, but I'm a little reluctant to do this (cost and difficulty of punching the many holes I'll need).

Thanks for putting up with me.

Cheers,

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Chris F. Broadbent

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End of GLOWBUGS Digest 249

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